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birth-place, and in *SCIENCE*, the official organ of the American Association for the Advancement of Science, of which Dr. Freer was a fellow.

For the staff of the Bureau of Science,

RICHARD P. STRONG

CHARLES S. BANKS

E. D. MERRILL

ALVIN J. COX

OSCAR TEAGUE

A. E. SOUTHARD

Committee

At Manila, Philippine Islands, this
Eighteenth Day of April, in the
Year of Our Lord One Thousand,
Nine Hundred and Twelve.

SCIENTIFIC NOTES AND NEWS

A COMMITTEE representing the engineering societies of the British Empire and the United States of America has been formed to carry into effect a proposal for the erection in Westminster Abbey of a memorial window to the late Lord Kelvin.

As already noted in *SCIENCE* Cambridge University has conferred its doctorate of science on Professor E. B. Frost, director of the Yerkes Observatory. At the same time the degree was conferred on the following foreign men of science attending the two hundred and fiftieth anniversary of the Royal Society: the Marchese Emanuele Paternò di Sessa, professor of chemistry in the University of Rome; Professor Pavlov, St. Petersburg University; Professor Picard, University of Paris; Professor Rubens, University of Berlin, and Dr. Warming, formerly professor of botany at Copenhagen.

On the occasion of the bicentenary celebration of the Trinity College Medical School, Dublin, the degree of doctor of science was conferred on a number of delegates, including Dr. J. George Adami, professor of pathology and bacteriology, McGill University; Dr. Franklin P. Mall, professor of anatomy at the Johns Hopkins University; Dr. Edgar F. Smith, provost of the University of Pennsylvania, and Dr. J. Whitridge Williams, professor of obstetrics at the Johns Hopkins University.

THE University of Vermont has conferred the degree of doctor of science on Professor Edward H. Williams, Jr., for many years professor of mining and geology at Lehigh University.

DR. HENRYK ARCTOWSKI, chief of the science department of the New York Public Library, was given the honorary degree of doctor of philosophy of the University of Lemberg on the occasion of its two hundred and fiftieth anniversary on May 29.

THE University of Giessen has conferred the honorary degree of doctor of medicine on Mr. E. Leitz, Jr., head of the firm of Ernst Leitz, for his contributions to the advancement of microscopy and the construction of optical instruments.

PROFESSOR CHARLES LINCOLN EDWARDS has been appointed naturalist of the Park Department of the City of Los Angeles, with the commission to plan a Zoological Park and Aquarium. In Griffith Park, with an area of 3,000 acres of mountain lands, the animals will have the freedom and atmosphere of the wild. The aquarium building, in the mission style, will be located on the ocean front cliffs of San Pedro in a marine park with tide-pools for sea-lions, sea-elephants and penguins.

SIR PATRICK MANSON, F.R.S., will retire from the post of medical adviser to the Colonial Office in London on August 15. He has been appointed a Knight Grand Cross of the Order of St. Michael and St. George, in recognition of his eminent services in connection with the investigation of the cause and cure of tropical disease. Sir J. Rose Bradford, F.R.S., has been appointed senior medical adviser, and Mr. C. W. Daniels, junior medical adviser, to the Colonial Office in London. Mr. W. T. Prout, late principal medical officer, Sierra Leone, has been appointed medical adviser to the Colonial Office in Liverpool.

WE learn from the *Journal* of the American Medical Association that on the completion of his fortieth year as member of the faculty of the University of Berne, Professor T.

Kocher was given an ovation recently, by his friends and pupils. The Swiss government, the universities and institutes sent representatives, as did many of the European surgical societies. The *Deutsche Zeitschrift für Chirurgie* issued a special volume of 818 pages as a *Festschrift* in his honor. He celebrated the occasion by presenting the university with \$40,000 to endow scientific research. It will be remembered that Kocher was awarded the Nobel prize in medicine in 1909 for his works on the thyroid. He was born August 25, 1841, and is thus in his seventy-first year.

DR. HERMANN COHEN, professor of philosophy at Marburg, has celebrated his seventieth birthday. On this occasion, Herr Siegfried Brunn, of Berlin, has given 100,000 Marks to the Jewish Institute of the university, for the establishment of a Hermann Cohen professorship.

PROFESSOR MALINS, who has held the chair of midwifery in the University of Birmingham and Mason College, has resigned, and has made the university a gift of £1,000.

A GOLD medal has been awarded by the Royal Horticultural Society to Professor R. Newstead, F.R.S., of the University of Liverpool, for his exhibit of insects injurious to cultivated plants on the occasion of the Royal International Horticultural Exhibition held in London in May last.

PROFESSOR RUBENS, director of the Berlin Physical Laboratory, has been elected president of the German Physical Society.

DR. J. REYNOLDS GREEN has been appointed Hartley lecturer in vegetable physiology in the University of Liverpool.

DR. WILHELM OSTWALD, formerly professor of chemistry in the University of Leipzig, expects to visit the United States this autumn.

DR. S. W. WILLISTON, professor of paleontology in the University of Chicago, will spend the autumn quarter of 1912 in an expedition to British South Africa. Professor Williston will be accompanied by Preparator Paul Miller, his assistant, who will spend the whole academic year in completing the work of the expedition.

DEAN E. B. GREENE and Professor G. A. Goodenough, of the University of Illinois, will attend the International Congress for the Interchange of Students in London on July 28.

PROFESSOR AND MRS. S. A. FORBES will attend the second International Congress of Entomologists to be held at Oxford, England, August 5 to 10. Dr. Forbes will go as a delegate from the Entomological Society of America, of which he is president; he will read a paper on the black fly pellagra problem in Illinois.

MR. F. W. RANE, state forester of Massachusetts, has been delegated by Governor Foss to represent the state at the second International Congress of Entomology, which is to be held at Oxford, England, August 5 to 10, 1912. At the termination of the congress, Mr. Rane will go on to the Black Forest of Germany to study forestry conditions and the gypsy moth question.

A MOVEMENT has been started in Baltimore to erect a monument to the dentist, Dr. Chapin A. Harris, who, with Dr. Horace A. Hayden, founded the first dental college in the world, the Baltimore College of Dental Surgery.

THE University of Chicago has received five thousand dollars from Mrs. Myra T. Ricketts, widow of the late Howard T. Ricketts, assistant professor of pathology in the university, to found a scholarship to be known as the "Howard T. Rickett's Prize." This prize is to be awarded annually for the best piece of research presented by any student in the department of pathology and bacteriology. Dr. Ricketts lost his life in 1910 in the city of Mexico, from typhus fever, which he contracted while engaged in the scientific investigation of the disease.

ON the occasion of the celebration of the bicentenary of the Trinity College Medical School, a bronze medallion was unveiled in the anatomical laboratory to Daniel John Cunningham, who was for twenty years professor of anatomy.

THE death is announced of Dr. Moritz Seidel, honorary professor of pharmacology at Jena.

M. FLORIO OSMOND, eminent for his contributions to the metallurgy of steel, has died at the age of sixty-three years.

THE U. S. Civil Service Commission announces examinations to fill a vacancy in the position of plant pathologist, \$2,750 per annum, Bureau of Plant Industry, Department of Agriculture; of entomological assistant (male), at salaries ranging from \$1,400 to \$1,800 per annum, in the Bureau of Entomology, and of assistant in agricultural technology for work in cotton grading, Bureau of Plant Industry, at salaries ranging from \$1,200 to \$2,250.

SINCE the summer of 1909 the joint commission appointed by the United States and Canadian governments to locate and mark the boundary line separating British territory from Alaska has been actively engaged in this work, pushing the line northward from the Yukon to Porcupine River by the end of the 1910 season. Last summer the field operations were advanced farther along that part of the one hundred and forty-first meridian which extends from Porcupine River to the Arctic Ocean, and it is believed that the present year will witness the completion of this part of the survey. Realizing that its well-equipped field organization afforded unusual facilities in this remote and rather inaccessible region for gathering much information not directly connected with the particular work of locating and marking the boundary line, the joint commission extended an invitation, which was readily accepted, to the Geological Survey of Canada and the United States Geological Survey to send geologists to accompany the field parties during 1911 and 1912, and to examine the geology along the boundary from the Yukon to the Arctic. The most satisfactory arrangement for making such a geologic examination in the two summers appeared to be to assign one of the two sections of the line to each government, as otherwise there would have been much duplication of work and the

observers would be required to traverse the whole length of both sections. Under the arrangement adopted the Canadian geologists undertook to examine the southern or Yukon-Porcupine section and the United States geologists the northern or Porcupine-Arctic section. The United States geologists last year commenced field examinations in June and carried their work northward approximately 100 miles, to the headwaters of Firth River, which flows into the Arctic Ocean. A preliminary outline of the geologic results obtained by this party has been published by the United States Geological Survey as Bulletin 520-K, by A. G. Maddren.

UNIVERSITY AND EDUCATIONAL NEWS

AN anonymous donor has given 10,000 guineas for the erection of a physiological laboratory for the medical faculty of University College of South Wales and Monmouthshire.

A MOTION has been placed on the records of the Supreme Court of the state of New York changing the official name of "The Trustees of Columbia College of the City of New York" to "The Trustees of Columbia University in the City of New York."

AT the summer session of Columbia University there are registered 3,615 students; at the University of Chicago the registration is 3,053.

DR. EDWARD DAVIDSON CONGDON, A.B., A.M. (Syracuse), Ph.D. (Harvard), instructor in anatomy at the Cornell Medical School, has been appointed instructor in anatomy at Stanford University and not at Pittsburgh as has been announced.

PROFESSOR THOMAS L. PATTERSON, head of the department of biology in the Highland Park College, has accepted an appointment as associate professor of biology and physiology in the University of Maryland School of Medicine, Baltimore.

DR. ERNST GAUPP, of Freiburg, has been appointed professor of anatomy at Königsberg.